



Number Types (Complex) - Description to Set Builder Letter - Real, Imaginary, and Complex Numbers

1

Select the symbol that matches this description

Any number that can be found on the number line, including both rational and irrational numbers.

A	\mathbb{Q}	B	\mathbb{Q}'
C	\mathbb{R}	D	\mathbb{W}

2

Select the symbol that matches this description

Any number that can be expressed as a fraction of two integers (e.g., $1/2$, $-3/4$, 5).

A	\mathbb{N}	B	\mathbb{Q}
C	\mathbb{W}	D	\mathbb{C}

3

Select the symbol that matches this description

A number that has a real and an imaginary part (e.g. $3 + 4i$).

A	\mathbb{Q}	B	\mathbb{R}
C	\mathbb{C}	D	\mathbb{W}

4

Select the symbol that matches this description

A non-negative integer (0, 1, 2, 3, ...).

A	\mathbb{Q}	B	\mathbb{N}
C	\mathbb{W}	D	\mathbb{R}

5

Select the symbol that matches this description

A number that can be expressed as a real number multiplied by the imaginary unit i (e.g., $-2.5i$).

A	\mathbb{W}	B	\mathbb{C}
C	i	D	\mathbb{Q}

6

Select the symbol that matches this description

A positive integer (1, 2, 3, ...).

A	\mathbb{N}	B	\mathbb{W}
C	\mathbb{C}	D	\mathbb{Q}'

7

Select the symbol that matches this description

A number that cannot be expressed as a simple fraction (e.g., $\sqrt{2}$, π).

A	\mathbb{Q}	B	\mathbb{W}
C	\mathbb{R}	D	\mathbb{Q}'